

# AMIR AGASSI

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## EDUCATION

### Wilfrid Laurier University

BSc Computer Science

Waterloo, Ontario

2022 - 2026

### Western Governors University

Accelerated BSc Cybersecurity & Information Assurance

Remote

Sept. 2024 - Feb. 2025

## PROFESSIONAL EXPERIENCE

### Shopify

Software Engineer Intern - Infrastructure Engineering

Toronto, Ontario

January 2025 - April 2025

- Assisting the Infrastructure Engineering team in designing scalable cloud solutions, automating deployments, and enhancing monitoring tools to improve platform reliability and performance for **millions of global merchants**.

### Konfer Inc.

Vice President of Engineering

Waterloo, Ontario

July 2024 - Present

- Lead the development of the company's engineering strategy and technical direction, overseeing the organization of **5+ high-impact tech events** annually, connecting innovative businesses with ambitious students and young professionals.

### Civiconnect

Web Development Associate, Co-op

Remote

September 2024 - Present

- Collaborated with the Web Development Team to design, develop, and maintain web applications for small to medium-sized businesses, contributing to **3+ client projects** using **Figma, React, and Supabase**.

### Sterling Karamar Inc.

Junior Software Developer

Toronto, Ontario

July 2021 - August 2022

- Developed custom large-scale reporting software, facilitating efficient report generation for **85+ corporate real-estate clients**, reducing monthly accounting and report creation time by **up to 95%**.

### 360 Business Marketing Inc.

Digital Solutions Specialist

Concord, Ontario

June 2020 - April 2021

- Engineered and implemented a custom analytics dashboard to monitor website traffic and user behavior used with **120+ clients**, improving lead generation rates by **up to 40%**.

### MIT Consulting Inc.

IT Support

North York, Ontario

January 2020 - May 2020

- Developed software in **Java** and **Python** to automate tasks & provided network services to **15+ small businesses**.

## ACTIVITIES

### Laurier Computing Society

Vice President of Development & Technology

Waterloo, Ontario

January 2024 - Present

- Overseeing the development and maintenance of society's technical infrastructure, organizing **10+ tech-related events and workshops per semester**, with an average attendance of **75 students**.

### HawkHacks

Software Engineer

Waterloo, Ontario

November 2023 - August 2024

- Contributed to the hackathon's digital infrastructure by developing a full-stack solution for the landing page and hacker dashboard using **React** and **Firebase**, supporting **850+ participants & 1100+ applicants**.

### Computing Councils of Canada

Director of Systems Administration

Remote

November 2022 - Present

- Led the development of a responsive landing page, Discord bot, and **3 software-related projects**, connecting a community of **900+ students** in computing clubs across Canada.

## PROJECTS

- SPUR IC OnBoard:** Developed SPUR Innovation Center's streamlined digital platform to manage startup onboarding, review, and funding processes for SPUR administrators, startup applicants, and investors. Developed using **Go** and **React**, using tools like **Docker** and **PostgreSQL**.
- Danghui-cLVM:** Proof of concept Roblox ACE exploit to execute arbitrary code & fully replicate the scripts to player's machines, affecting **37.1 million daily active players**.
- QuickReports:** A React-based web application in use by **2 medium-sized marketing agencies**, integrating **8+ digital marketing analytics tools** into a single dashboard & enabling agencies to generate reports **80% faster**, supplying **164+ businesses'** monthly reports.

## CERTIFICATIONS

- AWS Certified Solutions Architect - Professional** • **Google Cloud Professional Data Engineer**
- ITIL 4 Foundation (IT Service Management)** • **CompTIA Network+** • **CompTIA A+ IT**
- CompTIA IT Operations Specialist** • **CompTIA Secure Infrastructure Specialist**